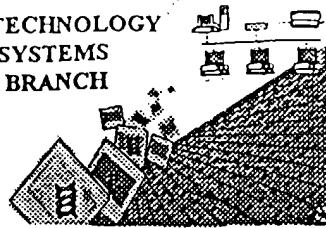


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/612,466A
EFN0
7/7/04

Source:

Date Processed by STIC:

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS.

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/612,466A

DATE: 07/07/2004

TIME: 15:53:40

Input Set : D:\1625seq.002
 Output Set: N:\CRF4\07072004\J612466A.raw

3 <110> APPLICANT: Madison, Edwin
 4 Ong, Edgar
 5 Yeh, Juinn-Chern
 7 <120> TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING SERINE PROTEASE 16, THE
 8 ENCODED PROTEINS AND METHODS BASED THEREON
 10 <130> FILE REFERENCE: 24745-1625
 12 <140> CURRENT APPLICATION NUMBER: 10/612,466A
 13 <141> CURRENT FILING DATE: 2003-07-01
 15 <150> PRIOR APPLICATION NUMBER: 60/394,347
 16 <151> PRIOR FILING DATE: 2002-07-02
 18 <160> NUMBER OF SEQ ID NOS: 22
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

1146 <210> SEQ ID NO: 21
 1147 <211> LENGTH: 103
 1148 <212> TYPE: PRT
 1149 <213> ORGANISM: Artificial Sequence
 W--> 1151 <220> FEATURE: pls insert
 1151 <223> OTHER INFORMATION: Polypeptide
 E--> 1153 <400> SEQUENCE: 21

1154 Val Ser Arg Leu Val Ile Ser Ile Arg Leu Pro Gln His Leu Gly Leu
 1155 1 5 10 15
 1156 Arg Pro Pro Leu Ala Leu Leu Glu Leu Ser Ser Arg Val Glu Pro Ser
 1157 20 25 30
 1158 Pro Ser Ala Leu Pro Ile Cys Leu His Pro Ala Gly Ile Pro Pro Gly
 1159 35 40 45
 1160 Ala Ser Cys Trp Val Leu Gly Trp Lys Glu Pro Gln Asp Arg Val Pro
 1161 50 55 60
 1162 Val Ala Ala Ala Val Ser Ile Leu Thr Gln Arg Ile Cys Asp Cys Leu
 1163 65 70 75 80
 1164 Tyr Gln Gly Ile Leu Pro Pro Gly Thr Leu Cys Val Leu Tyr Ala Glu
 1165 85 90 95
 1166 Gly Gln Glu Asn Arg Cys Glu
 1167 100

1169 <210> SEQ ID NO: 22
 1170 <211> LENGTH: 37
 1171 <212> TYPE: PRT
 1172 <213> ORGANISM: Artificial Sequence
 W--> 1174 <220> FEATURE: pls insert
 1174 <223> OTHER INFORMATION: Polypeptide

Mandatory, pls insert (220) whenever (221) is shown.
 (220) on (223) is shown.
 Does Not Comply
 Converted Diskette Needed
 (PS.1) ←

What is the source
 of genetic
 material?

Mandatory, pls insert (220) whenever
 (221), (222) on (223) is
 shown.

What is the source
 of genetic material?

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/612,466A

DATE: 07/07/2004

TIME: 15:53:40

Input Set : D:\1625seq.002

Output Set: N:\CRF4\07072004\J612466A.raw

E-> 1176 <400> SEQUENCE: 22

1177 Asn Asp Ser Arg Trp Ser Leu Leu Cys Gln Glu Glu Gly Thr Trp Phe
1178 1 5 10 15
1179 Leu Ala Gly Ile Arg Asp Phe Pro Ser Gly Cys Leu Arg Pro Arg Ala
1180 20 25 30
1181 Phe Phe Pro Leu Gln
1182 35

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/612,466A**

DATE: 07/07/2004

TIME: 15:53:41

Input Set : **D:\1625seq.002**

Output Set: **N:\CRF4\07072004\J612466A.raw**

L:541 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! ✓
L:545 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:5 ✓
L:1151 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:21 ✓
L:1153 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:21 ✓
L:1174 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:22 ✓
L:1176 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:22 ✓